



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx EPS 14.0053X Issue No: 1 Certificate history:
Status: Current Page 1 of 4 Issue No. 1 (2016-10-21)
Date of Issue: 2016-10-21 Issue No. 0 (2014-07-25)
Applicant: Young Tech. co., Ltd
81, Hwanggeum-ro 89 beon-gil, Yangchon-eup,
Gimpo-si, Gyeonggi-do
Korea, Republic of
Equipment: Limit Switch Box Type YT-870M, YT-875M, YT-870P, YT-875P, YT-870D,
YT-875D
Optional accessory:
Type of Protection: "db", "tb"
Marking: Ex db IIC T6 Gb
Ex tb IIIC T85°C Db

Approved for issue on behalf of the IECEx
Certification Body:

Dieter Zitzmann

Position:

Certification manager

Signature:
(for printed version)



Date:

2016-10-21

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





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Certificate No: IECEX EPS 14.0053X Issue No: 1
Date of Issue: 2016-10-21 Page 2 of 4
Manufacturer: Young Tech. co., Ltd
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Gimpo-si, Gyeonggi-do
Korea, Republic of

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0
IEC 60079-1 : 2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0
IEC 60079-31 : 2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[DE/EPS/ExTR13.0012/00](#) [DE/EPS/ExTR13.0012/01](#)

Quality Assessment Report:

[DE/EPS/QAR11.0002/05](#)



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Certificate No: IECEx EPS 14.0053X

Issue No: 1

Date of Issue: 2016-10-21

Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

YT-870 YT875 series is a limit switch box which monitors and transmits the valve position to the controller or control center.

CONDITIONS OF CERTIFICATION: YES as shown below:

The apparatus can be used in a temperature range between -20°C and +60°C.

Repairs of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in tables 1 and 2 of EN/IEC 60079-1.



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Certificate No: IECEx EPS 14.0053X

Issue No: 1

Date of Issue: 2016-10-21

Page 4 of 4

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Update of standard revisions